IN THE CLAIMS:

The text of all pending claims (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 10, 11 15 and 16 in accordance with the following:

1. (currently amended) A display system in which a processed document data from original document data, in conformity with a display specification data stored in a storage device and a layout data contained in the original document data, is displayed on a display unit, comprising:

~~a display memory storing a processed document data so that a document is displayed on the display unit in accordance with the processed document data;~~

an interface coupled to receive the original document data;

a central processing unit comprising

a display specification detection unit detecting a display specification data related to the display unit, the display specification data representing specifications of the display unit;

a layout data detection unit detecting ~~a~~ the layout data of the original document data, identifying text/image data elements through classification of the original document data, reading a maximum display resolution from text data elements, including an optimum font size; ~~the layout data containing layout information, comprised of data element identifiers, data element positions and page format data and being integrally stored with the document data and representing a page layout of data elements of the document data that are displayed; and~~

an operation unit utilized by a user to input a desired font type;

wherein the central processing unit reads document font data, calculates a font size of displayed text data in accordance with readability of the displayed text data, calculates a display size based on the calculated font size, generates the processed document data that reflects the display size calculated and the calculated font size in the desired font type, stores the processed document data into the storage device, transfers the processed document data from the storage device to the central processing unit, and supplies the processed document data to a display memory in the display unit so that the document data is displayed on the display unit in conformity with the display specification data and the layout data;

the display memory storing the processed document data so that a document is displayed on the display unit in accordance with the processed document data; and

a display control unit facilitating switching between controlling a display layout of the

display unit based on the detected display specification data and the detected layout data, so that a display size ~~is appropriate for readability~~ of text data elements in the document data is readable when being displayed on the display unit and controlling the display unit based on user input such that an image of at least one portion of the display layout is displayed on the display unit with a user-determined display size.

2. (original) The display system according to claim 1, wherein the display control unit controls the display unit such that respective positions of the data elements, displayed on the display unit, are in conformity with the layout data integrally stored with the document data.

3. (original) The display system according to claim 1, wherein the display control unit controls the display unit such that the entire document data is displayed on the display unit with an original display size.

4. (cancelled)

5. (previously presented) The display system according to claim 1, wherein the display control unit selects one of a first display method and a second display method, the display unit being controlled, when the first display method is selected, such that the entire document data is displayed on the display unit with an original display size, and the display unit being controlled, when the second display method is selected, such that at least one of the data elements of the document data is displayed with the user-determined display size on the display unit.

6. (previously presented) The display system according to claim 1, wherein the display control unit controls the display unit such that an image of at least one of the data elements with the user-determined display size, overlapped over a background image of the entire document data with an original display size, is displayed on the display unit.

7. (original) The display system according to claim 1, wherein the display unit includes a display screen on which a pointer is movably located, and the display control unit selects one of a first display method and a second display unit in response to a user input that is designated by the pointer on the display screen.

8. (original) The display system according to claim 1, wherein the display unit includes a touch panel screen, and the display control unit selects one of a first display method and a

second display unit in response to a user input that is designated on the touch panel screen.

9. (previously presented) The display system according to claim 6, wherein the display control unit selects one of the data elements, which is displayed with the user-determined display size on the display unit, in response to a user input, so that an image of the selected one of the data elements, overlapped over the background image of the entire document data with the original display size, appears on the display unit.

10. (currently amended) A method of controlling a display system in which a processed document data from original document data, in conformity with a display specification data stored in a storage device and a layout data contained in the original document data, is displayed on a display unit, comprising:

~~detecting a display memory storing a processed document data so that a document is displayed on the display unit in accordance with the processed document data;~~inputting the original document data;

~~detecting a display specification data related to the display unit, the display specification data representing specifications of the display unit;~~

detecting ~~the~~a layout data ~~of~~ from the original document data~~, the layout data containing layout information, comprised of data element identifiers, data element positions and page format data and being integrally stored with the document data and representing a page layout of data elements of the document data that are displayed~~; ~~and~~

identifying text/image data elements through classification of the original document data;

detecting the display specification data that is stored in the storage device, the display specification data representing specifications of the display unit;

reading a maximum display resolution from text data elements, including an optimum font size;

reading document font data;

presetting, by the user, a desired font type;

calculating a font size of displayed text data in accordance with readability of the displayed text data;

calculating a display size based on the calculated font size;

generating the processed document data that reflects the display size calculated and the calculated font size in the desired font type;

storing the processed document data into the storage device;

transferring the processed document data from the storage device to a central

processing unit;

supplying the processed document data to a display memory in the display unit so that the document data is displayed on the display unit in conformity with the display specification data and the layout data; and

switching between controlling a display layout of the display unit based on the detected display specification data and the detected layout data, so that a readable display size is ~~appropriate for readability~~selected of text data elements in the document data when being displayed on the display unit and controlling the display unit based on user input such that an image of at least one portion of the display layout is displayed on the display unit with a user-determined display size.

11. (currently amended) A computer readable medium storing display control program code instructions for causing a processor to control a display system in which a processed document data from original document data, in conformity with a display specification data stored in a storage device and a layout data contained in the original document data, is displayed on a display unit, comprising:

an initial program code means to cause the processor to receive the original document data;

first program means to cause the processor to detect a display specification data related to the display unit, the display specification data representing specifications of the display unit;

second program code means to cause the processor to detect the layout data of the original document data, identify text/image data elements through classification of the original document data, read a maximum display resolution from text data elements, including an optimum font size,

third program code means to facilitate input of a desired font type by a user;

fourth program code means to read document font data, calculate a font size of displayed text data in accordance with readability of the displayed text data, calculate a display size based on the calculated font size, generates the processed document data that reflects the display size calculated and the calculated font size in the desired font type, store the processed document data into the storage device, transfer the processed document data from the storage device to the central processing unit, and supply the processed document data to a display memory in the display unit so that the document data is displayed on the display unit in conformity with the display specification data and the layout data;

fifth program code storing the processed document data so that a document is displayed on the display unit in accordance with the processed document data; and

sixth program code facilitating switching between controlling a display layout of the

display unit based on the detected display specification data and the detected layout data, so that a display size is appropriate for readability of text data elements in the document data is readable when being displayed on the display unit and controlling the display unit based on user input such that an image of at least one portion of the display layout is displayed on the display unit with a user-determined display size.

~~initial program code means for causing the processor to detect a display memory storing a processed document data so that a document is displayed on the display unit in accordance with the processed document data;~~

~~first program code means for causing the processor to detect a display specification data relating to the display unit, the display specification data representing specifications of the display unit;~~

~~second program code means for causing the processor to detect a layout data of the document data, the layout data containing layout information, comprised of data element identifiers, data element positions and page format data and being integrally stored with the document data and representing a page layout of data elements of the document data being displayed;~~

~~third program code means for switching between using the processor to control a display layout of the display unit based on the detected display specification data and the detected layout data, so that a display size is appropriate for readability of text data elements in the document data when being displayed on the display unit and using the processor to display, based on user input, an image of at least one portion of the display layout is displayed on the display unit with a user-determined display size.~~

12. (previously presented) The display system according to claim 1, wherein the display control unit calculates a font size of a displayed text data by using a font size list including an optimum font size for a maximum display resolution read from the display specification data of the display unit and created based on the maximum display resolution and a document font data read from text data elements of the document data.

13. (previously presented) The method according to claim 10, wherein controlling a display layout of the display unit further includes calculating a font size of a displayed text data by using a font size list including an optimum font size for a maximum display resolution read from the display specification data of the display unit and created based on the maximum display resolution and a document font data read from text data elements of the document data.

14. (previously presented) The computer readable medium of claim 11, wherein the

third program code means calculates a font size of a displayed text data by using a font size list including an optimum font size for a maximum display resolution read from the display specification data of the display unit and created based on the maximum display resolution and a document font data read from text data elements of the document data.

15. (currently amended) A display system in which a processed document data from original document data, in conformity with a display specification data stored in a storage device and a layout data contained in the original document data, is displayed on a monitor of a display unit, comprising:

~~a display memory storing a processed document data so that a document is displayed on the monitor in accordance with the processed document data;~~a central processing unit comprising:

a display specification detection unit detecting a display specification data related to the display unit, the display specification data representing specifications of the display unit;

a layout data detection unit detecting ~~a~~ the layout data of the original document data, identifying text/image data elements through classification of the original document data, reading a maximum display resolution from text data elements, including an optimum font size;

an operation unit utilized by a user to input a desired font type;

the display memory storing the processed document data so that a document is displayed on the display unit in accordance with the processed document data,

wherein the central processing unit reads document font data, calculates a font size of displayed text data in accordance with readability of the displayed text data, calculates a display size based on the calculated font size, generates the processed document data that reflects the display size calculated and the calculated font size in the desired font type, stores the processed document data into the storage device, transfers the processed document data from the storage device to the central processing unit, and supplies the processed document data to a display memory in the display unit so that the document data is displayed on the display unit in conformity with the display specification data and the layout data. ~~the layout data containing layout information, comprised of data element identifiers, data element positions and page format data and being integrally stored with the document data and representing a layout data page of~~ such that data elements of the processed document data ~~that are~~ displayed on the monitor ~~such that the data elements~~ are allocated on the monitor according to a user-determined display layout based on the detected display specification data and the detected layout data page, and layout processing is carried out for data elements of the processed document data; and

a display control unit facilitating switching between controlling the display layout of the

display unit based on the detected display specification data and the detected layout data, so that a display size is appropriate for readability of text data elements in the processed document data when being displayed on the monitor and controlling the display unit, based on user input, such that an image of at least one portion of the display layout is displayed on the display unit with a user-determined display size.

16. (currently amended) A display system in which a processed document data from original document data, in conformity with a display specification data stored in a storage device and a layout data contained in the original document data, is displayed on a display unit, comprising:

a display device, comprising:

the display unit, receiving processed document data from a display memory;

a display memory storing a processed document data so that a document is displayed on the display unit in accordance with the processed document data, wherein when a first display method is selected, an entire document data is displayed on the display unit with an original display size, and when the second display method is selected, at least one of the data elements of the document data is displayed with a user-determined display size on the display unit;

a memory storing layout data, text data elements, and image data elements and display specification data;

a central processing unit receiving the original document data, processing the original document data to provide layout data of the original document data, identify text/image data elements through classification of the original document data, read a maximum display resolution from text data elements, including an optimum font size, wherein the layout data contain layout information, comprised of data element identifiers, data element positions and page format data and are integrally stored with the document data and represent a page layout of data elements of the document data that are displayed, text data elements, and image data elements, and storing the layout data, text data elements, and image data elements in the memory detecting a display specification data related to the display unit, the display specification data representing specifications of the display unit, storing the display specification data in the memory, detecting display method instructions from a user, and selecting a display method based on user instructions; and;

an operation unit utilized by a user to input a desired font type;

wherein the central processing unit reads document font data, calculates a font size of displayed text data in accordance with readability of the displayed text data, calculates a display size based on the calculated font size, generates the processed document data that reflects the

display size calculated and the calculated font size in the desired font type, stores the processed document data into the storage device, transfers the processed document data from the storage device to the central processing unit, and supplies the processed document data to a display memory in the display unit so that the document data is displayed on the display unit in conformity with the display specification data and the layout data and switches between controlling a display layout of the display unit based on the display specification data and the layout data, so that a display size is appropriate for readability of text data elements in the document data when being displayed on the display unit and controlling the display unit, based on user input, such that an image of at least one portion of the display layout is displayed on the display unit with a user-determined display size.